

Claims

1. A pellet mill with a hollow cylindrical mold (8), whose inner circumferential surface accommodates at least one adjustable press roller (9), characterized in that a base (31) is secured to a main shaft (33) of the mold (8) in such a way that it can rotate with the main shaft (33), and has hinged centrally to it two pairs of lever arms (32) provided with a yoke, and their opposing ends are hinged or pivoted to cams (34) of the press rollers (9), wherein the lever pairs are each connected with an element that is also hinged to the cams (34) and can shift on the base (31).
2. The pellet mill according to claim 1, characterized in that the elements can be shifted by means of a spindle.
3. The pellet mill according to claim 1, characterized in that at least one main bearing of a roller retaining shaft is equipped with a grease depot (45).
4. The pellet mill according to claim 1, characterized in that clamping segments (17) are arranged between the mold (8) and a pressure ring (13) of the mold carrier (11), and that a flexible, fluidic element is arranged behind the pressure ring (13) in the gap to a ring (12).
5. The pellet mill according to claim 4, characterized in that a distributing element (46) is provided on the mold carrier (11).
6. The pellet mill according to claim 4, characterized in that the fluidic element is an air cushion (21).
7. The pellet mill according to at least one of claims 1 to 6, characterized in that a driving wheel (15) of the driven main shaft (33) is connected by a V-belt (43) with a parallel arranged vertical shaft (42), which in turn is connected by another V-belt (41) with a drive consisting of two parallel arranged motors (40) on either side of the main shaft (33).

8. The pellet mill according to claim 7, characterized in that the belt drive (43) encompasses at least one V-belt (43).
9. The pellet mill according to claim 7, characterized in that the motors (40) are adjustably arranged.